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Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective December 8, 2004 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN TYPE OR (Column 1) SMALL ENTITY (Column 2) U.S. NATIONAL STAGE FEES **RATE** FEE RATE FEE **BASIC FEE** SMALL ENT. = \$ 160 LARGE ENT. = \$ 300 BASIC FEE OR BASIC FEE 3*0*0 Satisfies PCT Article 33(1) EXAMINATION FEE All other situations = EXAM. FEE (4) = \$50/\$100\$ 100 / \$ 200 EXAM. FEE 2∞ U.S. Is ISA = \$50/\$100 SEARCH FEE All other situations = ALL other countries = SEARCH FEE \$ 250 / \$ 500 SEARCH FEE \$ 200 / \$ 400 400 FEE FOR EXTRA SPEC. PGS. minus 100 = /50 ± X \$ 125 =X \$ 250 =TOTAL CHARGEABLE CLAIMS minus 20 = X \$ 25 =OR X \$ 50 =INDEPENDENT CLAIMS minus 3 = X \$ 100 =OR X \$ 200 =MULTIPLE DEPENDENT CLAIM PRESENT + \$ 180 = OR + \$ 360 = If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR TOTAL 90 **CLAIMS AS AMENDED - PART II** OTHER THAN (Column 1) SMALL ENTITY (Column 2) OR (Column 3) **SMALL ENTITY** CLAIMS HIGHEST REMAINING ADDI-NUMBER PRESENT ADDI-AFTER RATE **PREVIOUSLY** TIONAL RATE **EXTRA** TIONAL AMENDMENT AMENDMENT PAID FOR FEE FEE Total Minus X \$ 25 =OR X \$ 50 =Independent Minus X \$ 100 =OR X \$ 200 = FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM + \$ 180 = + \$ 360 =TOTAL ADDIT TOTAL ADDIT OR FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST REMAINING ADDI-NUMBER ADDI-**PRESENT** $\mathbf{\omega}$ RATE **AFTER PREVIOUSLY** TIONAL RATE TIONAL **EXTRA AMENDMENT AMENDMENT PAID FOR** FEE FEE Total Minus X \$ 25 = OR X \$ 50 =Independent Minus X \$ 100 =OR X \$ 200 =FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM + \$ 180 = + \$ 360 = OR TOTAL ADDIT TOTAL ADDIT OR FEE FEE If the entry in column 1 is less than the entry in column 2, write "0" in column 3. If the "Highest Number Previously Paid For" IN THIS SPACE is less than '20', enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than '3', enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.